

**Synopsis**  
**I-5766, Forsyth County**  
**Revised November 16, 2016**

**General**

This project will consist of concrete pavement replacement along I-40 from 1.3 miles east of NC 150 to NC 109 in Winston-Salem including loop and ramp repairs at the US 52 interchange. The contract will also likely include areas of subgrade preparation. Existing pavement will be replaced with concrete.

It is anticipated that all pavement reconstruction will need to occur under short term lane closures (nightly/weekend) and therefore precast concrete slabs will be permissible and may be required.

**Planning**

The Department has an approved Programmatic Categorical Exclusion for the project.

**Roadway**

Roadway plans will be the responsibility of the Design-Build Team. The Department will provide concrete slab repair areas and the pavement design.

**Hydraulics**

The Design-Build Team shall be responsible for all temporary drainage accommodations as well as incidental permanent drainage design that may be a part of the contract.

**Geotechnical**

The Department will provide a geotechnical pavement design investigation report for this project. The Design-Build Team shall be responsible for all geotechnical recommendations, as well as any necessary supplemental investigations.

**Erosion and Sedimentation Control**

The Design-Build Team shall be responsible for all erosion control designs and implementation.

**Signing and Pavement Markings**

Pavement marking plans and temporary signing will be the responsibility of the Design-Build Team.

**Right-of-Way and Utilities**

No acquisition of right of way is anticipated.

The Design-Build Team will be responsible for the coordination of all utility relocations necessary for construction. It is anticipated that the cost of utility relocations will be paid by the utility owners or the Department.

## **Surveys**

The Department will provide initial survey information pre-bid. The Design-Build Team shall be responsible for any supplemental location and construction surveys.

## **Construction Engineering Inspection**

CEI on all contracts will be performed by the Department or its agent.

## **Railroad Coordination**

The Design-Build Team will be responsible for coordinating and supplying any insurance that may be required by the railroad and any agreements as may be necessary.

## **Provided Materials**

The Department will provide surveys, geotechnical recommendation for pavement design, areas of concrete slab repair, a pavement design, and a Programmatic Categorical Exclusion

## **Compensation**

To reduce the amount of work necessary to be performed pre-bid by the Design-Build Teams, and to ensure to the greatest extent possible that all Design-Build Teams are bidding on similar designs, the Department will include an estimated concrete slab repair area and subgrade stabilization line items. The Design-Build Team will then bid a unit price for these pay item quantity.

A lump sum item will most likely be included to provide for all design work and other ancillary construction work including, but not limited to, supplemental investigations, drainage, erosion control, traffic control, etc.